

WHAT IS CLAIMED IS:

1. A rollover protecting system for a vehicle, comprising:
a plurality of sensors sensing a state of a vehicle;
an electronic control unit (ECU) calculating a roll angle of a vehicle by using
5 values inputted from said plurality of sensors;
an actuator activated by said ECU and adjusting a tire to a positive camber
when said ECU detects an occurrence of a rollover; and
protruding ends formed on a shoulder part of the tire for contacting the road
surface and reducing a lateral force of the tire when the tire is adjusted to the positive
10 camber.
2. The system as defined in claim 1, wherein said actuator has a moving part
linearly sliding in relation to a fixed part, said fixed part pivotally mounted to a vehicle
body at an upper side of a lower arm; and
15 a pivot arm with one end pivotally coupling to said moving part of said actuator,
the other end thereof pivotally connecting to an end of the vehicle body side of said
upper arm, and the mid-part of said pivot arm pivotally configured to be fastened to the
vehicle body.
- 20 3. The system as defined in claim 1, wherein said protruding ends taking forms of
rings around said shoulder part are aligned in plural rows at a constant interval and
slopingly protrude out from said shoulder part toward the road surface.
4. The system as defined in claim 3, wherein said protruding ends with each
25 lateral side getting longer as it goes towards a side wall from a tread of said tire, and
said side wall having longer protruding ends than those of said tread.